CLAIMS:

1. A method for preparing phosphoroamidite with a reagent of a compound represented by the general formula [1],

[General Formula 1]

$$R_1$$
 R_1
 P
 R_2
 R_1
 P
 R_2

wherein R_1 represents an alkyl group having 1 to 4 carbon atoms, an alkyl group having 1 to 4 carbon atoms substituted by a cyano group or an alkyl group having 1 to 4 carbon atoms substituted by a silyl group; and R_2 represents an amino group substituted by an alkyl group having 2 to 5 carbon atoms or an alicyclic amino group having 4 to 7 carbon atoms,

wherein a substituted tetrazole represented by the general formula [2] is used as a reaction activator,

[General Formula 2]

wherein R_3 represents an alicyclic alkyl group having 1 to 6 carbon atoms, an aryl group substituted by an alkyl group having 1 to 4 carbon atoms or an unsubstituted aryl group.

2. The preparation method according to claim 1, wherein phosphoroamidite represented by the general formula [4] is synthesized by using a nucleoside derivative

represented by the general formula [3] as a raw material,

[General Formula 3]

wherein R_4 represents a protecting group of a hydroxyl group; R_5 represents a hydrogen atom, a halogen atom, an alkyl group having 1 to 4 carbon atoms or a substituted hydroxyl group; and B represents a nucleic acid base or a protected nucleic acid base,

[General Formula 4]

$$R_4O$$
 R_5
 R_1
 R_2
 R_1
 R_2

wherein R_1 , R_2 , R_4 , R_5 and B represent the same as those described above.

- 3. The preparation method according to claim 1 or 2, wherein R_3 in the general formula [2] is a phenyl group.
- 4. The preparation method according to any one of claims 1 to 3, wherein, in the general formula [1], R_1 is a cyanoethyl group and R_2 is a diisopropylamino group.
- 5. The preparation method according to any one of claims 2 to 4, wherein, in the general formulae [3] and [4], R_4 is a 4,4'-dimethoxytrityl group, R_5 is a hydrogen atom and B is a 1-thymine group, an N4-benzoyl-1-cytosine group, an N6-benzoyl-9-adenine

group or an N2-isobutyryl-9-guanine group.